

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017143.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 13:59
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 10 01:25:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.471	3593316	30.980 ug/ml
Spiked Amount 50.000		Recovery =	61.96%
Target Compounds			
1) T n-Nonane (C9)	3.354	190349	1.551 ug/ml
2) T n-Decane (C10)	4.613	236277	1.896 ug/ml
4) T n-Dodecane (C12)	6.793	291718	2.298 ug/ml
6) T n-Tetradecane (C14)	8.633	295123	2.363 ug/ml
7) T n-Hexadecane (C16)	10.251	263091	2.047 ug/ml
8) T n-Octadecane (C18)	11.703	310681	2.288 ug/ml
10) T n-Eicosane (C20)	13.020	368542	2.693 ug/ml
11) T n-Heneicosane (C21)	13.636	310591	2.290 ug/ml
13) T n-Docosane (C22)	14.227	335453	2.443 ug/ml
14) T n-Tetracosane (C24)	15.339	309636	2.189 ug/ml
15) T n-Hexacosane (C26)	16.368	299826	2.159 ug/ml
16) T n-Octacosane (C28)	17.323	290859	2.077 ug/ml
17) T n-Tricontane (C30)	18.216	333531	2.246 ug/ml
18) T n-Dotriacontane (C32)	19.054	365569	2.441 ug/ml
19) T n-Tetratriacontane (C34)	19.842	337307	2.570 ug/ml
20) T n-Hexatriacontane (C36)	20.587	283939	2.697 ug/ml
21) T n-Octatriacontane (C38)	21.358	264055	2.883 ug/ml
22) T n-Tetracontane (C40)	22.339	240472	2.949 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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